

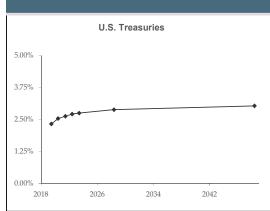
YIELD ANALYSIS

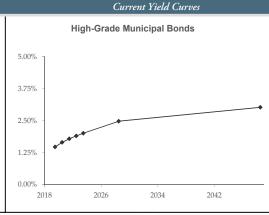
June 26, 2018

U.S. Treasury Yields				
Coupon	Maturity	YTM		
0.000%	06/20/19	2.32%		
2.500%	05/31/20	2.53%		
2.625%	06/15/21	2.62%		
1.750%	05/31/22	2.70%		
2.750%	05/31/23	2.74%		
2.875%	05/15/28	2.87%		
3.125%	05/15/48	3.02%		

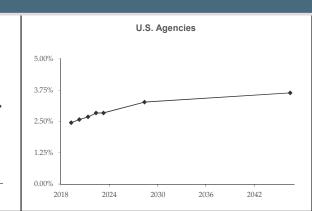
Municipal Bond Yields ¹				
Maturity	YTM	Tax-Equiv. ²		
06/25/19	1.48%	2.11%		
06/25/20	1.66%	2.36%		
06/25/21	1.79%	2.56%		
06/25/22	1.90%	2.72%		
06/25/23	2.01%	2.87%		
06/25/28	2.48%	3.54%		
06/25/48	3.02%	4.32%		

U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FHLB	2.250%	04/26/19	\$99.82	2.45%	+34
FHLB	2.375%	04/16/20	\$99.63	2.57%	+21
FFCB	2.700%	05/10/21	\$100.03	2.68%	+12
FFCB	2.875%	05/25/22	\$99.91	2.84%	+12
FFCB	2.700%	04/11/23	\$99.33	2.84%	-3
FFCB	3.300%	05/17/28	\$100.26	3.27%	-27
FFCB	3.250%	06/28/46	\$93.04	3.64%	-68





Description



Price

YTM

YTW

Description	Price	YTM	To Treasury (bp)	
C (Baa1/BBB+) 2.4% 2/18/2020	\$98.75	3.19%	+66	
JPM (Baa1/BBB+) 3.38% 5/1/2023	\$97.68	3.90%	+120	
MS (A3/BBB+) 4% 7/23/2025	\$98.94	4.17%	+143	
BAC (A3/A-) 3.71% 4/24/2028	\$96.29	4.18%	+131	
6.00% 4.00% 2.00%	•			
2020 2022	2024	2026	2028	

Corporate Bond Yields

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FHLB 2.25% 4/26/2019	N/A	\$99.82	2.45%	2.45%
FFCB 2.5% 4/23/2020	04/23/19	\$99.90	2.53%	2.53%
FHLB 3% 4/17/2023	04/17/19	\$99.14	3.18%	3.19%
FHLB 3.75% 4/24/2028	04/24/19	\$99.65	3.79%	3.79%
6.00% ¬				
6.00%				
4.00% -				
	—			
2.00% -				
0.00%		1		
2019 2021	2023	2025	2027	

Bullet & Callable Agency Bond Yields ³

Call Date